

## Abstract

An exhaust gas purifying catalyst contains copper oxide, ZSM-5 and/or zeolite  $\beta$ , and an oxide of magnesium and/or calcium. 5 is further added thereto. A process for purifying an exhaust gas using such a catalyst is also included. By using the catalyst, NO<sub>x</sub> in an exhaust gas containing much oxygen such as exhaust gas of diesel engines can be efficiently removed and oxidation of SO<sub>2</sub> under high-temperature conditions can 10 be suppressed.